



सत्यमेव जयते

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#### PART IV-A

**Rules and Orders (Other than those published in Parts I, I-A, and I-L) made  
by the Government of Gujarat under the Central Acts**

#### ENERGY & PETROCHEMICALS DEPARTMENT

#### NOTIFICATION

Sachivalaya, Gandhinagar, 30<sup>th</sup> June, 2023

**No.GE-2023-(34)-EPCD/ELA/e-file/20/2023/0946/K :-** Whereas Gujarat Energy Transmission Corporation Limited, Vadodara, has been declared as an State Transmission Utility (STU) vide EPD's Notification No.GHU-2004-GEB-1104-2964-K dated 29.5.2004,

- (2) And whereas in pursuance of the provisions under section 38 and 39(2) of the Electricity Act, 2003, GETCO, has been casted the responsibility of laying down such essential Transmission Network across the State for providing power to the consumers of the State, through Distribution Utilities under the State Government,
- (3) And whereas since the inception of the Electricity Act, 2003 with the previous approval accorded by Government, GETCO is to undertake some new Transmission networks including overhead lines as specified in Annexure-A attached herewith.
- (4) Now, therefore, Government is pleased to accord approval u/s 68(1) of the Electricity Act, 2003, to GETCO, an STU, for carrying out new and ongoing works as referred to, at item No.(3) above, subject to the compliance of provisions of the Electricity Act - 2003, work of Licensees Rules - 2006 and CEA (Measures relating to safety and Electrical Supply) Regulations, 2010, relevant provisions of the Indian Telegraph Act, 1855 as stipulated in the section 164 of the Electricity Act, 2003, the CEA (Safety requirements for construction, operation and Maintenance of Electrical Plants and Electrical Lines) Regulations, 2011 and provisions of the Works of Licensees Rules, 2006.
- (5) The approval of Government, as mentioned above, is subject to the condition that wherever necessary, GETCO would obtain necessary approvals / clearance from the concerned State Authorities including local authorities of the concerned area.

By order and in the name of the Governor of Gujarat,

**DIPESH RAJ,**

Under Secretary to Government.

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
<b>A</b>	<b>400 kV Line</b>						
1	400kV Sanand (Chharodi) - Soja line (By using LILO portion of 400kV Halvad - Vadavi LILO Sanand) with Twin AL-59 conductor and OPGW cable-73.062KM	D/C	Mehsana	Mehsana	146.04	New	400kV
<b>B</b>	<b>220 kV Line</b>						
1	LILO of Both Circuit of 220kV Shapar - Babra at 220kV Kamlapur SS with AL-59 Conductor & OPGW. - 10.34KM	M/C	Gondal	Rajkot	41.36	New	220kV
2	220kv D/C Prantij-Dhasura line	D/C	Himatnagar	Himatnagar	51.54	New	220kV
3	220kv D/C Prantij-Agiyol line	D/C	Himatnagar	Himatnagar	34.98	New	220kV
4	220kv LILO at 220kv Khumapur ss from Exi 220kv Dhansura Agiyol line	D/C	Himatnagar	Himatnagar	67.44	New	220kV
5	220kv LILO at 220kv Khumapur ss from Exi 220kv Bhutiya Agiyol line	D/C	Himatnagar	Himatnagar	58.66	New	220kV
6	220kV D/C Dhama - Mujpur line with AL 59 conductor (61/3.5) conductor and OPGW cable 29.79KM	D/C	Mehsana	Mehsana	59.58	New	220kV
7	220kV D/C Mujpur - Mehsana line (by Using existing 220kV Sankhari - Mehsana line and Veloda - Mehsana line with AL-59 conductor and OPGW cable-27.10KM	D/C	Mehsana	Mehsana	54.20	New	220kV
8	Erection and laying of D/C 220kV Kanbha – Dehgam (PGCL) line partly on D/C tower with AL-59 conductor and OPGW cable having over head length 17.61 RKM and partly with 1200 sq.mm. XLPE Al. UG cable line having route length 1.70 KM. [Total route length O/H 17.61 + U/G 1.70 = 19.31 RKM] under normal development scheme.	D/C	Nadiad	Nadiad	19.31	New	220kV
9	LILO of 220kV Talangpore (Sachin)-Navsari Line and Talangpore (Sachin)-Vav line at Prop. 765kV Navsari (New) S/S of ISTS (M/C AL-59 conductor (i.e equivalent weight of ACSR	D/C & M/C	Navsari	Navsari	57.62	New	220kV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	Zebra Conductor with 48F OPGW Cable))-Having Total Line length 14.405 km.						
10	Interconnection of existing 220kV Ichhapore-Kosamba line with 220kV GSEC Talangpore line by providing stringing between M/C Loc no. 6 and Loc no. 7 on M/C tower with ACSR Zebra conductor for proposed 220kV GSEC-Kosamba line no.2- Interconnection line length 0.312 km	S/C	Navsari	Navsari	0.312.	New	220kV
11	Erection of 220kV GSEC - Ichhapore line by interconnection with exist. 220kV Kosamba Ichhapore line: new stringing on M/C (Lower Ckt) tower from Gantry of 220kV GSEC up to Loc no.7 and link between loc no.7 to 7A- Interconnection line length- 1.311 km	S/C	Navsari	Navsari	1.311	New	220kV
12	Erection of 220kV GSEC - Talangpore line by utilizing Lower Circuit conductor on existing M/C tower from Gantry of 220kV GSEC to loc no. 6A of existing 220kV GSEC Talangpore line (Upper Ckt)- length of proposed line stringing 1.008km	S/C	Navsari	Navsari	1.008	New	220kV
<b>C</b>	<b>66 kV Line</b>						
1	66KV D/C LILO line with ACSR Panther conductor and 1C X 630 mm <sup>2</sup> (6+1) UG cable from existing 66KV Shikra-Sunborne line no.1 on D/C Panther tower with ACSR Dog conductor to Prop. 66KV Kumbhardi S/S. [2 * 4.246 KM (0.65 Km U/G + 3.596 KM O/H)]	D/C	Anjar	Anjar	8.492	New	66 kV
2	66KV Anjar- DC5 line lilo to 66KV Anjar sim ( Anjar town) SS (2 * 0.9 Km ( 0.2Km OH + 0.7 KM UG))	D/C	Anjar	Anjar	1.8	New	66 kV
3	66kV D/C Galenda-Payal Ind. Prop.-Pakhajan UG cable (7.865RkM) with partillay OH line (1.445RkM) having total line length-9.310RkM	D/C	Bharuch	Bharuch	18.62	New	66 kV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
4	66kV LILO to Molvan (Shalon) S/S from 66kV S/C Kim-Hariyal OH Line having total line length- 2.5RkM	D/C	Bharuch	Kim	5	New	66 kV
5	66 KV S/C Kankot SS to Fuletra Steel SS line on D/C Panther tower with ACSR Dog Conductor	S/C	Gondal	Rajkot	1.5	New	66 kV
6	Conversion of 66Kv S/C Popatpara - Navagam H-Frame Dog line (from 66kV Navagam S/S to exist. Loc No:7) in to Panther line partly with 66kV, 1CX630 sqmm, (3+1) XPLE power cable & partly with D/C / NB Panther Tower.(OH- 00.700 KM + UGC - 03.900 KM Total - 04.600 KM)	D/C	Gondal	Rajkot	9.2	New	66 kV
7	66kv LILO at Zalodar from 66kv Fareedi Malpur line	D/C	Himatnagar	Himatnagar	4.6	New	66 kV
8	66kv LILO at Itadra (Mansa 2) ss from Exi.66kvJamla Vasai line	D/C	Himatnagar	Himatnagar	4.7	New	66 kV
9	66kv LILO at Khapreta (Nokhi) ss from Exi.66kv Kalidungari-Chandarni line	D/C	Himatnagar	Himatnagar	13.24	New	66 kV
10	66kv LILO at Radodara (Sarsoli)ss from Exi.66kv Sathamba-Gabat line	D/C	Himatnagar	Himatnagar	11.52	New	66 kV
11	66kv LILO at Rangpur (Mansa) ss from Exi.66kv Mansa Lodra tape line	D/C	Himatnagar	Himatnagar	14.14	New	66 kV
12	66kv LILO at Uvarsad ss from Exi.Vavol-Moti-Adaraj line (UGC)	D/C	Himatnagar	Himatnagar	11.5	New	66 kV
13	66kv D/C Bhalak Bamanva line	D/C	Himatnagar	Himatnagar	27	New	66 kV
14	66kV S/C link line from existing 132kV Nandesari - II substation to existing 66kV Nandesari - I substation partly with 630 sq.mm (3+1) underground cable having length 3.075 RkM and partly on tower with ACSR Panther Conductor having length 0.27 RkM (Total length: 3.075 + 0.27 = 3.345 RkM)	S/C	Jambuva	Jambuva	3.34	New	66 kV
15	66 kV S/C line from proposed Velanwada S/s to 66kV proposed Munpur S/s on D/C Panther tower with	S/C	Jambuva	Jambuva	7.24	New	66 kV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	Panther Conductor having route length 7.24kM						
16	66KV D/C LILO to proposed 66KV Rampar S/S from existing 66KV Jamkandorna-Satodad (H/F, DOG) line on Panther tower with ACSR Panther conductor having route length of approx. 3.5 RKM	D/C	Junagadh	Junagadh	7	New	66 kV
17	66KV D/C LILO to proposed 66KV Zanzmer S/S from existing 66KV Supedi (132kV)-Sanala (H/F/Tower, DOG) line on Panther tower with ACSR Panther conductor having route length of approx. 6.75 RKM	D/C	Junagadh	Junagadh	13.5	New	66 kV
18	66KV D/C LILO to proposed 66KV Kharachiya S/S from existing 66KV Jetpur.B-Devki Galol (H/F, DOG) line on Panther tower with ACSR Panther conductor having route length of approx. 0.565 RKM	D/C	Junagadh	Junagadh	1.13	New	66 kV
19	66KV D/C LILO line at proposed 66KV Pransali SS from existing 66KV Keshod - Mendarda (H frame DOG) line on D/C tower with ACSR Panther conductor having route length of approx. 1.7 RKM	D/C	Junagadh	Junagadh	3.4	New	66 kV
20	66KV D/C LILO line at proposed 66KV Dudana SS from existing 66KV Timbadi- Devli tap to Kodinar (H frame DOG) line on D/C tower with ACSR Panther conductor having route length of approx. 0.21 RKM	D/C	Junagadh	Junagadh	0.42	New	66 kV
21	66KV D/C LILO line at proposed 66KV Dhrabavad SS from existing 66KV Kansari - Bodidar line on D/C tower with ACSR Panther conductor having route length of approx. 2.030 RKM	D/C	Junagadh	Junagadh	4.06	New	66 kV
22	66KV S/C line at proposed 66KV Motibaug (Junagadh Agri. Uni.) SS from existing 66KV Vadla S/s on D/C tower with ACSR Panther	S/C	Junagadh	Junagadh	10.25	New	67 kV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	Conductor (length of 5.75 RKM) & partly by laying of 66kV 630 sq.mm (3+1) UG cable (length of 4.5 RKM.), having total route length of approx. 10.25 RKM.						
23	66KV D/C (2-Phase) line from existing 220kV Moti Paneli (GETCO) S/s to proposed 66kV Bhayavadar-TSS on D/C Tower with ACSR Panther conductor (Route Length: 17.50 RKM.) and partly by laying of 66kV, 630 Sq.mm [2X(2+1)] Al. Corrugated Sheathed XLPE U/G Cable line (Route Length: 1.000 RKM.), having total route length of 18.750 RKM for drawal of 05 MW power demand for M/s Dy.CEE, Railway Electrification - Ahmedabad under LTOA.	D/C	Junagadh	Junagadh	37.5	New	66KV
24	66kV S/C Sisrana - Gidasan line on D/C Tower with ACSR Panther conductor under KSY scheme.	S/C	Mehsana	Mehsana	17.26	New	66KV
25	Erection of 66kV Tap to Kadodara SS from Existing 66kV Vav-Jolva tap Palsana Tap Bardoli line by D/C Panther tower with S/C ACSR panther conductor – having length 0.08 km and laying of 1C 66kV, 630 Sq mm UGC (3+1) underground power cable having length 0.250 km.	S/C	Navsari	Navsari	0.33	New	66KV
26	66kV Ukai SS to 66kV Satkashi pumping station-3 of EHV consumer M/s Narmada Water Resources Water Supply & Kalpasar department on M/C ( 14.0 kM), D/C panther tower (3.5 kM) with Dog Conductor S/C(1.0 kM) line- Having total OH line length 18.5 kM and 630 sq mm 1 X (3+1) XLPE UG cable line (UG: 2.0 KM) - Total Line length 20.5km	S/C & D/C & M/ C	Navsari	Navsari	20.5	New	66KV
27	Strengthening (Dog to Panther conversion) of exist. 66kV Navsari(220kV S/S) - Tavdi line (i.e old 66kV Navsari Godadra line portion from loc no. 1 to loc	S/C	Navsari	Navsari	7.79	Com. Date: 14.01.1969	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	no. 32 (LILO point to Tavdi s/s)) having length 7.79 kM. (Com. Date: 14.01.1969)						
28	Strengthening (Dog to Panther conversion) of exist. 66kV Tavdi-Vesma line (i.e old 66kV Navsari Godadra line portion from loc no. 33 to loc. No. 54 (LILO point of Vesma s/s)) having length 6.88 kM.(Com. Date: 14.01.1969)	S/C	Navsari	Navsari	6.88	Com. Date: 14.01.1969	66KV
29	Strengthening (Dog to Panther conversion) of exist. 66kV Vesma-Bhagvati line (i.e old 66kV Navsari Godadra line portion from loc no. 55 to loc. No. 108 (LILO point to Bhagvati s/s)) having length 12.31 kM.(Com. Date: 14.01.1969)	S/C	Navsari	Navsari	12.31	Com. Date: 14.01.1969	66KV
30	Strengthening (Dog to Panther conversion) of exist. 66kV Bhagvati-Eklara line (i.e old 66kV D/C Navsari Godadra line portion from loc no. 109 to loc no. 111 on 1st circuit-length 0.270 kM and loc no. 106 to loc no. 111 on 2nd ckt-length 1.015 kM ) having total length 1.29 kM. (Com. Date: 14.01.1969)	S/C	Navsari	Navsari	1.29	Com. Date: 14.01.1969	66KV
31	Erection of 66kV S/C line from exist. 66kV Nimbhora SS to M/S Kedareshwar Khandesari Udhyog Pvt. Ltd on D/C Panther Tower with ACSR Panther Conductor having total line length 2.75 km.	S/C	Navsari	Navsari	2.75	New	66KV
32	Strengthening (Dog to Panther conversion) of exist. 66kV Navsari-Eklara line (i.e old 66kV Navsari Godadra line portion from loc no. 1 to loc. No. 105 (LILO point to Eklara s/s)) having length 23.75 kM. (Com. Date: 14.01.1969)	S/C	Navsari	Navsari	23.75	Com. Date: 14.01.1969	66KV
33	66KV S/C line from Proposed 220KV Ghodasar S/S to existing 66KV Keshargam S/S on Tower with ACSR Panther Conductor under “ Kisan Suryoday Yojna”.	S/C	Palanpur	Deesa	16.734	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
34	Pro.66KV D/C LILO line at Pro.220KV Ghodasar s/s from Existing 66KV D/C Rah- Ghodasar line on D/C Tower with ACSR Panther Conductor under “ Kisan Suryoday Yojna”.	D/C	Palanpur	Deesa	2.164	New	66KV
35	66KV S/C line from Proposed 220KV Sisrana S/S to existing 66KV Asmapura S/S on Tower with ACSR Panther Conductor under “ Kisan Suryoday Yojna”.	S/C	Palanpur	Deesa	12.991	New	66KV
36	66KV S/C line from Proposed 220KV Sisrana S/S to existing 66KV Vadgam S/S on Tower with ACSR Panther Conductor under “ Kisan Suryoday Yojna”.	S/C	Palanpur	Deesa	15.2	New	66KV
37	Proposed 66KV D/C Sisrana LILO line from Exi. 66KV H-F Sukhapura – Moriya line on M/C & D/C tower with ACSR Panther Conductor AND Dog to Panther conductor conversion of Exi. 66KV Sukhapura – Moriya line under “Kisan Suryoda Yojna".(2.643 & 9.746)	D/C	Palanpur	Deesa	15.032	New	66KV
38	66KV S/C line from Proposed 220KV Sisrana S/S to existing 66KV Motasada S/S on M/C & D/C Tower with ACSR Panther Conductor under “ Kisan Suryoday Yojna”.	S/C	Palanpur	Deesa	15.004	New	66KV
39	Erection of 66KV line D/C LILO at proposed 66KV Kharva S/S from existing 66KV D/C Limbdi-Surendranagar line on D/C tower with ACSR Panther Conductor having route length 6.7 RKM.	D/C	Surendranagar	Limbdi	13.4	New	66KV
40	Erection of 66KV line D/C LILO at proposed 66KV Nava S/S from existing 66KV S/C Chotila-Sitagadh line on D/C tower with ACSR Panther Conductor having route length 3.1 RKM.	D/C	Surendranagar	Limbdi	6.2	New	66KV
41	Erection of 66KV line D/C LILO at proposed 66KV Rampara S/S from existing	D/C	Surendranagar	Limbdi	13.6	New	66KV



Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	66KV D/C Limbdi-Tuva H-Frame line on D/C tower with ACSR Panther Conductor having route length 6.8 RKM.						
42	Erection of 66KV S/C Wadhwan -IOCL line with partly 630Sq mm , (3+1) UGC having length 0.341 RKM and partly on D/C tower with ACSR Panther Conductor having route length 10.31 RKM. Total Length- 10.65 RKM	S/C	Surendranagar	Limbdi	10.65	New	66KV

Abbreviation

D/C

S/C

M/C

UG Cable

WIP

O/H

Double Circuit

Single Circuit

Multi Circuit

Under Ground Cable

Work in progress

Over head

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